

1310X

SEQUENCE LISTING

(1) GENERAL INFORMATION:

- 5 (i) APPLICANT: Bednar, Martin M.
Thomas, G. Roger
Gross, Cordell E.
- (ii) TITLE OF INVENTION: ANTI-CD18 ANTIBODIES IN STROKE
- 10 (iii) NUMBER OF SEQUENCES: 15
- (iv) CORRESPONDENCE ADDRESS:
15 (A) ADDRESSEE: Genentech, Inc.
(B) STREET: 460 Point San Bruno Blvd
(C) CITY: South San Francisco
(D) STATE: California
(E) COUNTRY: USA
(F) ZIP: 94080
- 20 (v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
25 (D) SOFTWARE: WinPatin (Genentech)
- (vi) CURRENT APPLICATION DATA:
(A) APPLICATION NUMBER: P0987R1
(B) FILING DATE: 22-Jan-1997
30 (C) CLASSIFICATION:
- (viii) ATTORNEY/AGENT INFORMATION:
(A) NAME: Lee, Wendy M.
(B) REGISTRATION NUMBER: 40,378
35 (C) REFERENCE/DOCKET NUMBER: P0987r1
- (ix) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: 415/225-1994
(B) TELEFAX: 415/952-9881
40 (C) TELEX: 910/371-7168

(2) INFORMATION FOR SEQ ID NO:1:

- 45 (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 98 amino acids
(B) TYPE: Amino Acid
(D) TOPOLOGY: Linear
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
- 50 Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser
1 5 10 15
- Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys
20 25 30
- 55 Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala
35 40 45

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03788800-013397

Ala Leu Gln Ser Gly Asn Ser Gln Glu Ser Val Thr Glu Gln Asp
50 55 60

Ser Lys Asp Ser Thr Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser
65 70 75

Lys Ala Asp Tyr Glu Lys His Lys Val Tyr Ala Cys Glu Val Thr
80 85 90

His Gln Gly Leu Ser Ser Pro Val Thr Lys Ser Phe Asn Arg Gly
95 100 105

Glu Cys
107

(2) INFORMATION FOR SEQ ID NO:6:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 105 amino acids
(B) TYPE: Amino Acid
(D) TOPOLOGY: Linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

Gln Pro Lys Ala Ala Pro Ser Val Thr Leu Phe Pro Pro Ser Ser
1 5 10 15

Glu Glu Leu Gln Ala Asn Lys Ala Thr Leu Val Cys Leu Ile Ser
20 25 30

Asp Phe Tyr Pro Gly Ala Val Thr Val Ala Trp Lys Ala Asp Ser
35 40 45

Ser Pro Val Lys Ala Gly Val Glu Thr Thr Thr Pro Ser Lys Gln
50 55 60

Ser Asn Asn Lys Tyr Ala Ala Ser Ser Tyr Leu Ser Leu Thr Pro
65 70 75

Glu Gln Trp Lys Ser His Arg Ser Tyr Ser Cys Gln Val Thr His
80 85 90

Glu Gly Ser Thr Val Glu Lys Thr Val Ala Pro Thr Glu Cys Ser
95 100 105

(2) INFORMATION FOR SEQ ID NO:7:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 100 amino acids
(B) TYPE: Amino Acid
(D) TOPOLOGY: Linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Pro
1 5 10 15

Lys Asn Ser Ser Met Ile Ser Asn Thr Pro Ala Leu Gly Cys Leu
20 25 30

34

06788800-012397

Asn Gln Arg Phe Met Asp Arg Phe Thr Ile Ser Val Asp Lys Ser
65 70 75

Thr Ser Thr Ala Tyr Met Gln Met Asn Ser Leu Arg Ala Glu Asp
80 85 90

5 Thr Ala Val Tyr Tyr Cys Ala Arg Trp Arg Gly Leu Asn Tyr Gly
95 100 105

10 Phe Asp Val Arg Tyr Phe Asp Val Trp Gly Gln Gly Thr Leu Val
110 115 120

Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu
125 130 135

15 Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly
140 145 150

Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp
155 160 165

20 Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val
170 175 180

25 Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val
185 190 195

Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn
200 205 210

30 His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys
215 220 225

Ser Cys Asp Lys Thr His Thr
230 232

35 (2) INFORMATION FOR SEQ ID NO:11:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 214 amino acids
(B) TYPE: Amino Acid
(D) TOPOLOGY: Linear

40 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

45 Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val
1 5 10 15

Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Asp Ile Asn
20 25 30

50 Asn Tyr Leu Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys
35 40 45

55 Leu Leu Ile Tyr Tyr Thr Ser Thr Leu His Ser Gly Val Pro Ser
50 55 60

Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Tyr Thr Leu Thr Ile
65 70 75

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08788800-012397

Ser Ser Leu Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln
80 85 90

Gly Asn Thr Leu Pro Pro Thr Phe Gly Gln Gly Thr Lys Val Glu
95 100 105

5 Ile Lys Arg Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro
110 115 120

10 Ser Asp Glu Gln Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu
125 130 135

Leu Asn Asn Phe Tyr Pro Arg Glu Ala Lys Val Gln Trp Lys Val
140 145 150

15 Asp Asn Ala Leu Gln Ser Gly Asn Ser Gln Glu Ser Val Thr Glu
155 160 165

Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu Ser Ser Thr Leu Thr
170 175 180

20 Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val Tyr Ala Cys Glu
185 190 195

25 Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys Ser Phe Asn
200 205 210

Arg Gly Glu Cys
214

30 (2) INFORMATION FOR SEQ ID NO:12:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 450 amino acids
(B) TYPE: Amino Acid
35 (D) TOPOLOGY: Linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:

40 Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly
1 5 10 15

Gly Ser Leu Arg Leu Ser Cys Ala Thr Ser Gly Tyr Thr Phe Thr
20 25 30

45 Glu Tyr Thr Met His Trp Met Arg Gln Ala Pro Gly Lys Gly Leu
35 40 45

Glu Trp Val Ala Gly Ile Asn Pro Lys Asn Gly Gly Thr Ser His
50 55 60

Asn Gln Arg Phe Met Asp Arg Phe Thr Ile Ser Val Asp Lys Ser
65 70 75

55 Thr Ser Thr Ala Tyr Met Gln Met Asn Ser Leu Arg Ala Glu Asp
80 85 90

Thr Ala Val Tyr Tyr Cys Ala Arg Trp Arg Gly Leu Asn Tyr Gly
95 100 105

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5	Phe	Asp	Val	Arg	Tyr 110	Phe	Asp	Val	Trp	Gly 115	Gln	Gly	Thr	Leu	Val 120
	Thr	Val	Ser	Ser	Ala 125	Ser	Thr	Lys	Gly	Pro 130	Ser	Val	Phe	Pro	Leu 135
	Ala	Pro	Cys	Ser	Arg 140	Ser	Thr	Ser	Glu	Ser 145	Thr	Ala	Ala	Leu	Gly 150
10	Cys	Leu	Val	Lys	Asp 155	Tyr	Phe	Pro	Glu	Pro 160	Val	Thr	Val	Ser	Trp 165
	Asn	Ser	Gly	Ala	Leu 170	Thr	Ser	Gly	Val	His 175	Thr	Phe	Pro	Ala	Val 180
15	Leu	Gln	Ser	Ser	Gly 185	Leu	Tyr	Ser	Leu	Ser 190	Ser	Val	Val	Thr	Val 195
	Thr	Ser	Ser	Asn	Phe 200	Gly	Thr	Gln	Thr	Tyr 205	Thr	Cys	Asn	Val	Asp 210
20	His	Lys	Pro	Ser	Asn 215	Thr	Lys	Val	Asp	Lys 220	Thr	Val	Glu	Arg	Lys 225
	Cys	Cys	Val	Glu	Cys 230	Pro	Pro	Cys	Pro	Ala 235	Pro	Pro	Val	Ala	Gly 240
25	Pro	Ser	Val	Phe	Leu 245	Phe	Pro	Pro	Lys	Pro 250	Lys	Asp	Thr	Leu	Met 255
	Ile	Ser	Arg	Thr	Pro 260	Glu	Val	Thr	Cys	Val 265	Val	Val	Asp	Val	Ser 270
30	His	Glu	Asp	Pro	Glu 275	Val	Gln	Phe	Asn	Trp 280	Tyr	Val	Asp	Gly	Met 285
	Glu	Val	His	Asn	Ala 290	Lys	Thr	Lys	Pro	Arg 295	Glu	Glu	Gln	Phe	Asn 300
35	Ser	Thr	Phe	Arg	Val 305	Val	Ser	Val	Leu	Thr 310	Val	Val	His	Gln	Asp 315
	Trp	Leu	Asn	Gly	Lys 320	Glu	Tyr	Lys	Cys	Lys 325	Val	Ser	Asn	Lys	Gly 330
40	Leu	Pro	Ala	Pro	Ile 335	Glu	Lys	Thr	Ile	Ser 340	Lys	Thr	Lys	Gly	Gln 345
	Pro	Arg	Glu	Pro	Gln 350	Val	Tyr	Thr	Leu	Pro 355	Pro	Ser	Arg	Glu	Glu 360
45	Met	Thr	Lys	Asn	Gln 365	Val	Ser	Leu	Thr	Cys 370	Leu	Val	Lys	Gly	Phe 375
	Tyr	Pro	Ser	Asp	Ile 380	Ala	Val	Glu	Trp	Glu 385	Ser	Asn	Gly	Gln	Pro 390
50	Glu	Asn	Asn	Tyr	Lys 395	Thr	Thr	Pro	Pro	Met 400	Leu	Asp	Ser	Asp	Gly 405

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Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp
410 415 420

(2) INFORMATION FOR SEQ ID NO:13:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:

(2) INFORMATION FOR SEQ ID NO:14:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:

(2) INFORMATION FOR SEQ ID NO:15:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:15: